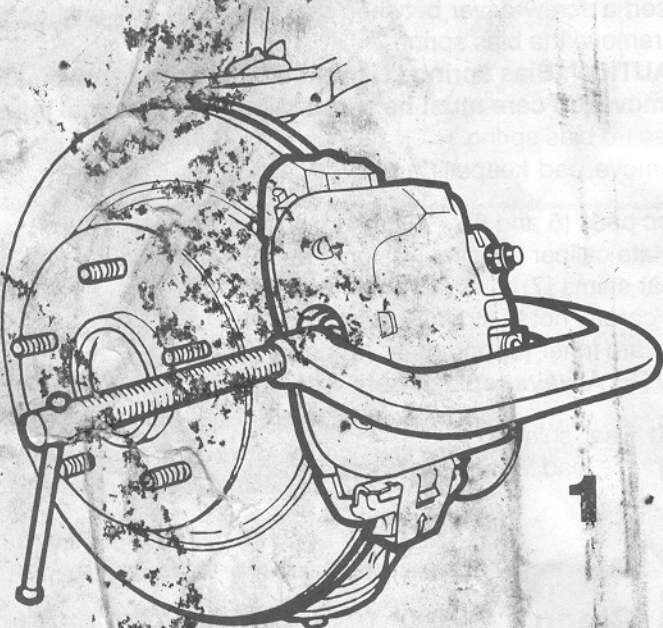


# PAD GUIDED CALIPER

## PAD CHANGE INSTRUCTIONS:



**NOTE:** When the use of brake fluid is required, use only new, clean fluid to the vehicle manufacturer's specification, from a sealed container.



### Remove or Disconnect:

1. Two-thirds of the brake fluid from the master cylinder reservoir.
- Raise and suitably support the vehicle.
- Mark relationship of wheel to rotor.

2. Wheel and tyre.

- Position a C-clamp and tighten until piston bottoms in base of caliper housing (figure 1).
- Make sure one end of C-clamp rests on rear of caliper housing and the other end against outer disc pad clip.

3. Bias spring (1) and pad keeper (3).

- Insert a screw driver between bias spring (1) and anchor bracket (2) to remove the bias spring.

**CAUTION: Bias spring (1) may "fly off" anchor bracket (2) during removal so care must be taken to prevent personal injury.**

- Discard bias spring.
- Remove pad keeper (3) and discard.

4. Disc pads (5 and 6).

- Rotate caliper housing (4), inner pad (5) and outer pad (6) about pad wear shims (7).

Be careful not to strain hose.

- Discard inner (5) and outer (6) pads.

**NOTE: Always replace both axle caliper pads as a set.**

5. Pad wear shims (7)

- Remove pad wear shims and discard.



**Clean:**

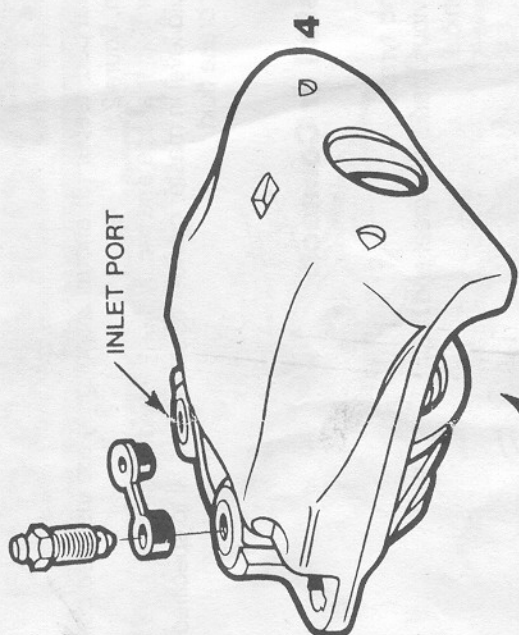
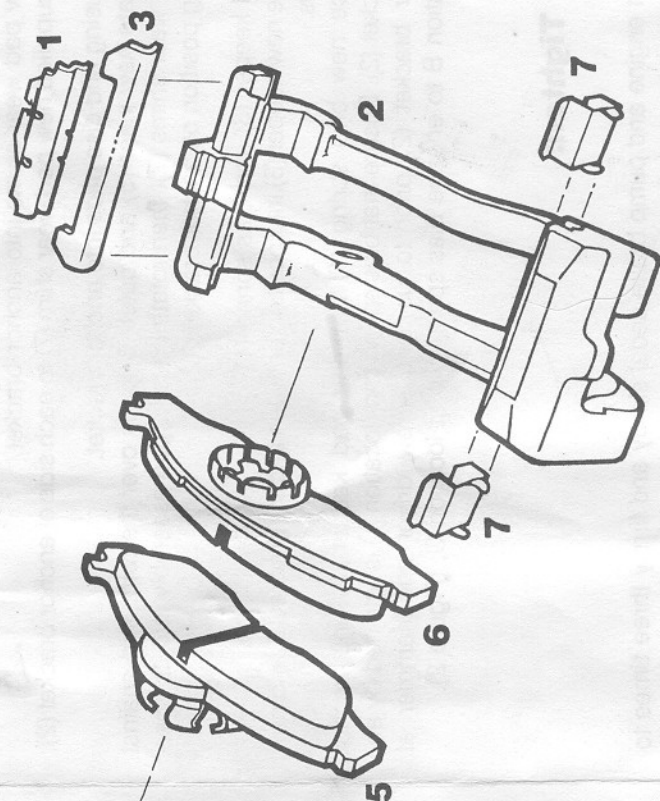
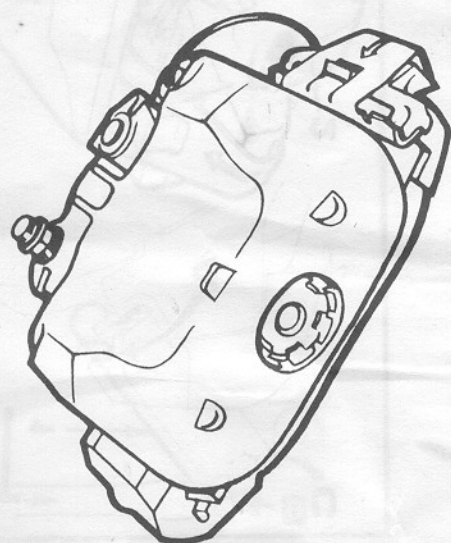
- All residue from disc pad guide surfaces on anchor bracket (2), pad wear shim (7), pad keeper (3) and caliper housing assembly (4).



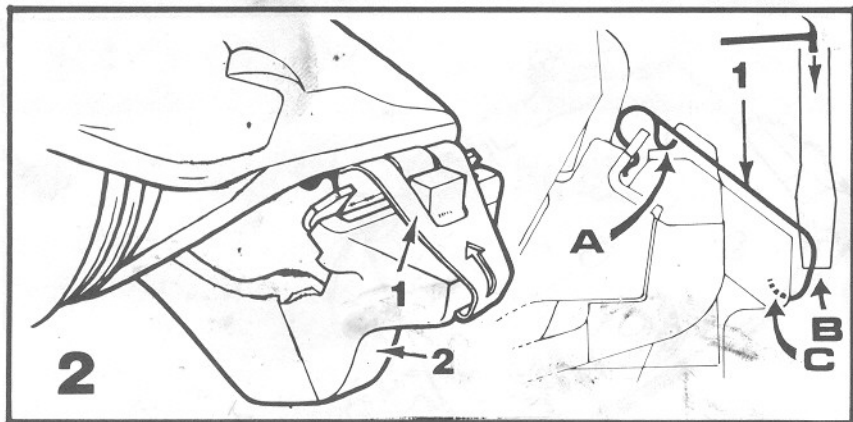
**Install or Connect:**

1. New disc pads into housing assembly.

- Outer disc pad (6) into housing assembly (4) finger hole.
- Inner disc pad (5) into piston (9).



INLET PORT



2. New pad wear shims into anchor bracket.
  - Fit supplied new pad wear shim (7) to each side of anchor bracket (2).
3. Housing and disc pads into anchor bracket.
  - Locate new inner (5) and outer (6) pads over the rotor and against pad wear shims (7), then rotate housing/pad assembly into its operating position on anchor brackets (2).
4. Pad keeper (3) and bias spring (1).
  - Slide new keeper (3) into position between anchor bracket (2) and new pads.
  - Place new bias spring (1) between pad keeper (3) and anchor bracket (2). Ensure that bias spring clip (location A) is retained by anchor bracket (2) prior to using a screw driver and hammer at location B to engage bias spring clip at location C, (Figure 2).



### **Tighten:**

- Start engine and pump brake pedal slowly and firmly three times to ensure piston and disc pads resume normal operating position.



## **Inspect:**

- Check that pad keeper (3) and bias spring (1) are installed correctly as shown, figure 2.
- Check for fluid leakage and rectify if any found.
- Check fluid level in master cylinder reservoir and fill to specified level with new brake fluid.



## **Install or Connect:**

1. Wheel and tyre.
- Align previous marks on wheel and rotor.
  - Lower vehicle.



## **Tighten:**

- Torque wheel nuts to specification shown in vehicle manufacturers technical manual.